



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

01 May 2007

Construction Report

Foundation Grouting. ACT continued the drilling operation parallel to the dam in the gallery. This will supplement the down stream grout line in the 800' critical reach. A total of 26 holes have been drilled and 23 of those have been grouted. The drill was down most of the week, due to a bearing failure, but work continued through the weekend to compensate for the lost time. Prosonic has successfully drilled and cased 23 holes on the embankment, using the sonic method. An Intelligrout System arrived on 4/25 for platform work. The LF90D drill, which will be used for the rock coring, arrived on 4/27. The Grout Plant has been staged.

Kiewit began constructing the access ramp to the platform from US 127. Kiewit continued construction of outer retention berm to Station 61+00 and embankment to Station 56+00 on the permanent platform. Unsuitable material is being removed and supplemented with offsite borrow. Concrete placement is complete to Station 54+00.

Halcomb's Landing. VCI-Doyon continued to drill, blast, haul, and compact rock in parking lot (Phase 3 area) and at the new Powerhouse Road location. Phone line relocation continued. Concrete placement for the new boat ramp continued, 8 sections are now complete for a total of approximately 6930 SF in place.

Drawdown Mitigation. A Public Notice for a DA permit has been issued for Alligator Dock #1. Fill and grading began on 4/27 at Beaver Creek Marina. Work at Jamestown and Waitsboro Marinas has been completed with a 3rd lane planked at both sites. Placement of articulating concrete mats is underway at Burnside Island State Park. Work at Slate Branch has been completed.



Work Continues on the temporary work platform

This Week's Activities

- Continue drilling and grouting in the gallery with one drill
- Kiewit to continue to place berm and embankment material
- Continue sonic drilling on the permanent work platform with 2 rigs
- Begin rock coring on 4 May depending on plan approval
- Continue to drill, blast, and compact shot rock in Halcomb's landing parking lot, Phase III
- Continue excavation on boat ramp access road and haul operations to the new Power House Road
- SKRECC to set power poles across the dam, on the downstream side of the road for ACT electric use and as a safety enhancement

Water Management Report

This morning the Lake Cumberland headwater elevation was 681.1 and starting to fall. Releases were increased today and shall continue for the next several days in an effort to lower the pool to elevation 680.5 by the end of the week, which has been difficult due to the limited availability of hydropower units.

One unit is out of service for long-term maintenance, a second unit is out this week for scheduled maintenance, and two units went down unexpectedly earlier yesterday. However, they have been repaired and returned to service. There are currently four units available. The forecast for the next five days calls for a cumulative 0.5 inches of rain in the Wolf Creek watershed.

Lake Cumberland Elevation

681.1

Time: 0600
01 May 2007

